

COPY OF PAPERS
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Serial No.	Filed	Title	Assignment Recorded at Reel/Frame
09/941,079	8/28/2001	Clock Data Recovery With Selectable Phase Control Input	012130/0827
10/026,371	12/24/2001	Transceiver With Selectable Data Rate	012579/0274
09/993,929	11/16/2001	Self-Resetting Phase Locked Loop	012519/0802
10/104,230	3/22/2002	Locked Loop With Dual Rail Regulation	012733/0524

Power of Attorney by Assignee and Certification
Under 37 CFR §3.73(b)

RECEIVED

AUG 0 8 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-referenced patent applications, hereby revoke all prior powers of attorney for said applications and appoint the practitioners at Customer Number 30554, the Customer Number of Shemwell & Gregory LLP, as my/our attorney(s) or agent(s) to prosecute said applications, and to transact all business in the United States Patent and Trademark Office connected therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR 3.71.

Effective immediately, please direct all further communications in the above-identified patent application to the following address:

Shemwell & Gregory LLP
4880 Stevens Creek Blvd., Ste. 201
San Jose, CA 95129

Telephone: (408) 236-6640
Facsimile: (408) 236-6641
Customer No. 30554

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the assignments recorded in the Patent and Trademark Office at the above-specified reel/frame locations.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

ASSIGNEE: Rambus Inc.

Signature: _____

Typed Name: _____

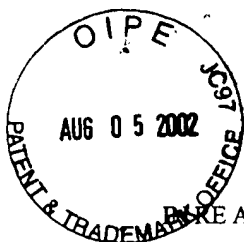
Title: _____

Date: _____

Address: _____

4440 El Camino Real

Los Altos, California 94022



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BY APPLICATION OF:

Serial No.	Filed	Title
09/941,079	8/28/2001	Clock Data Recovery With Selectable Phase Control Input
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Assistant Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

Appointment of Associate Attorney or Agent Under 37 CFR §1.34(b)

Sir:

I, the undersigned, am a principal attorney of record for the above-identified patent applications by virtue of a duly executed power of attorney filed herewith and, as such, hereby appoint Paul M. Anderson, Reg. No. 39,896, Paula J. Lagattuta, Reg. No. 40,691 and Jose Moniz, Reg. No. 50,192, all of Rambus Inc. located at 4440 El Camino Real, Los Altos, California 94022, telephone (650) 947-5000, as associate attorney(s) or agent(s) with full authority to prosecute said applications and to transact all business in the Patent and Trademark Office connected therewith.

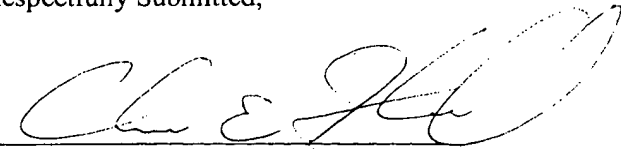
Please continue to direct all communications regarding the above-identified patent applications to the following address:

Shemwell & Gregory LLP
4880 Stevens Creek Blvd., Ste. 201
San Jose, CA 95129

Telephone: (408) 236-6640
Facsimile: (408) 236-6641
Customer No. 30554

Respectfully Submitted,

Date July 25, 2002


Charles E. Shemwell
Reg. No. 40,171